QNAP

NMP-1000P

Network Multimedia Player

Enjoy Cinema-grade Digital Home Experience

- Blu-ray quality videos (BD ISO, BDMV, M2TS) with multi-channel surround sound
- High performance Wolfson WM8524 stereo DAC for clean & detailed analog sound
- NAS features for cross-platform file sharing and backup
- Auto-categorization of media files

QNAP

POWER · VIDEO · OK · OPTION

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

dts 2.0+Digital Out

DOLBY DIGITAL

Full HD 1080P

| HDMI 1.3A | UPnP Client UPnP | eSATA Host/Device SERIAL ATA | USB Host/Device Host x 2 / Device x 1 | MKV Support | H.264 Support MPEG-4/AVC | WMV9 VC-1 Support | Lossless Audio APE FLAC | NAS | Online Media | Wireless LAN READY USB | 24P Real Cinema | Night Mode Surround Sound |

Experience the Cinema-grade
Enjoyment in Your Home Theater

NMP-1000P Network Multimedia Player

Overview

QNAP NMP-1000P network multimedia player, delivering stunning pictures and ultra realistic multi-channel surround sound, is the new generation of digital home entertainment especially designed for audio and video enthusiasts. NMP-1000P not only features high performance stereo DAC and automatic media management but also plays and shares HD videos, photos, and high-quality music on the internal hard disk. NMP-1000P also supports network playback of the digital contents from the PCs or NAS on your home network. The player can be seamlessly integrated with TV and stereo system for playing your digital collections at home.

NMP-1000P supports various file formats including high-definition quality videos with commercial-like menu navigation and next generation HD audio surround sound. It is capable of high-speed data transfer to your PC via USB or eSATA connection. The player is small and lightweight, yet powerful to deliver smooth and crisp playback of 1080p video and high-definition audio and bring the excitement of home theater.

Cinema-grade home theater

NMP-1000P features the next generation hardware-based decoder from Sigma Designs, Inc., SMP8643 SoC, a 667MHz CPU with floating point processor, provides responsive UI, more Internet services capability, and advanced software decoding technology. The playback of video files encoded in H.264 or other popular formats are supported for up to 1080P resolution Full HD ultimate quality. Multi-channel digital surround sound is supported to achieve a truly cinema-grade experience.

Experience incredible sound quality

The built-in Wolfson WM8524 high performance DAC delivers 106 dB SNR, with excellent mute and crosstalk performance and supports 24-bit conversion of all audio sampling rates between 8-192 kHz. This latest add-on to NMP-1000P will definitely create an intense, clear and outstanding audio experience for the audience.

1080p at 24fps for real cinema experience

NMP-1000P supports 24p playback of full HD videos, which brings cinema-like images to your living room. NMP-1000P is able to reproduce movies that are originally shot at 24fps and provide excellent true-to-life picture quality on your TV.

An easily accessible library at your fingertips

NMP-1000P automatically finds all the digital media files on its internal hard disk or the mounted remote disks on your home network, and organizes them into a categorized library. The navigation tree enables you to sort and search the multimedia files systematically. You can also specify different ratings for the music and video files.
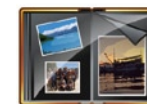
Enjoy high-quality music

The FLAC lossless audio files can be natively handled by NMP-1000P without converting job. You can archive your favorite music and enjoy the original high-quality music on your Hi-Fi system conveniently. NMP-1000P plays lots of digital music format, including FLAC, PCM, WMA, MP3, Ogg, APE with cue sheet, WAV, Dolby Digital (AC3) and DTS.

Browse the digital photos in slideshow

NMP-1000P lets you share your memorable photos with your friends and family. You can browse the digital photos on your TV in slideshow with your desired background music.

Online media contents readily available

NMP-1000P allows you to access the latest Apple movie trailers for upcoming and recent movies, private and public area of Flickr & Picasa photo albums, 1000+ SHOUTcast internet radio stations and even the weather forecast of your location in the next 7 days, all on your TV screen. In addition, the intergrated Mediafly™ service provides thousands of online video and audio feeds including podcasts, news, sports, comedy, pop-culture, technology, and more.

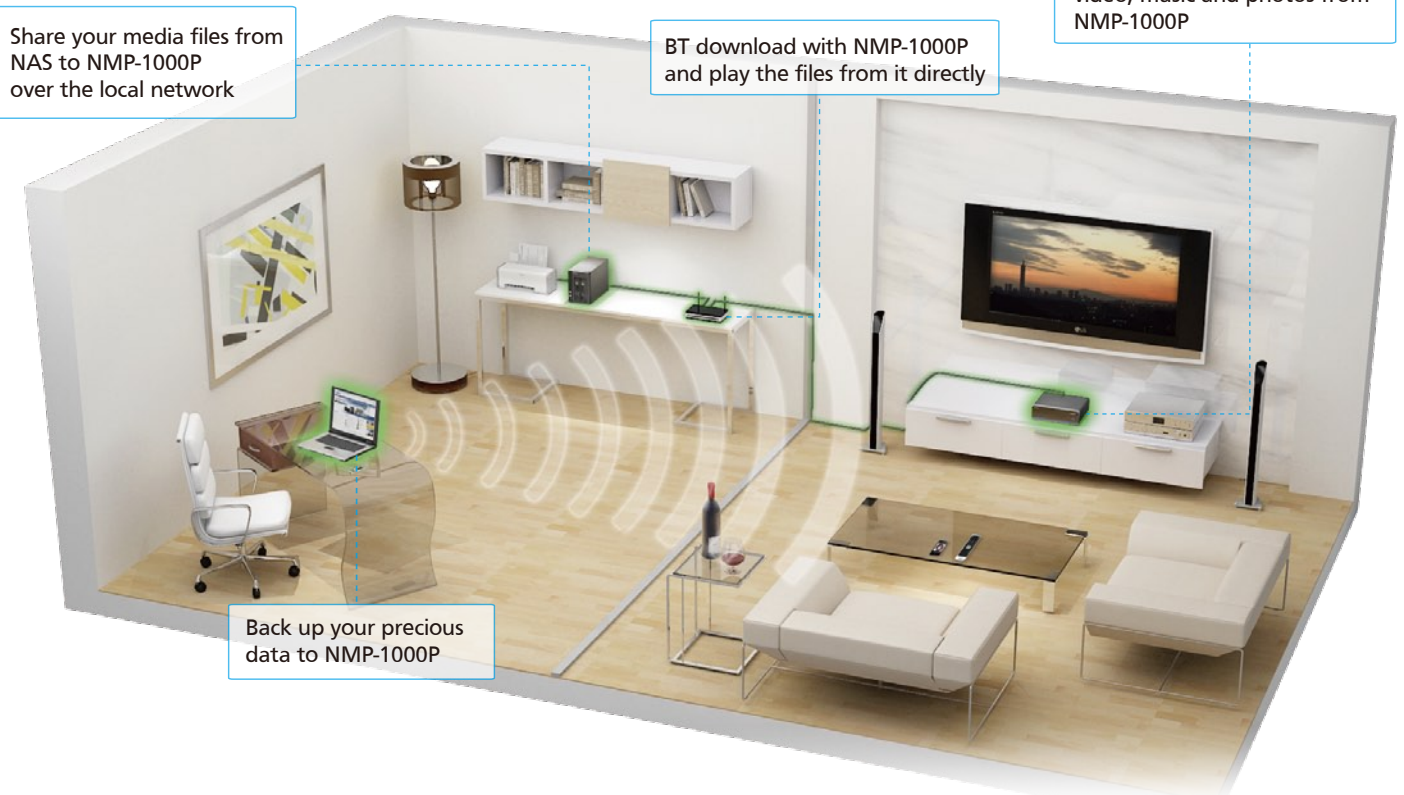### Downloadable movie cover and information

Flip through the movie synopsis before you start the movie! NMP-1000P supports displaying the movie cover with movie information. In addition to the file-list view, you can browse your movie collection by the movie cover art.

NAS features for storage and file

NMP-1000P supports one 3.5-inch SATA hard disk (optional purchase), providing up to 2TB storage capacity to save your digital contents. Powerful NAS functions are supported for file sharing across Windows, Mac, and Linux OS. The built-in file server feature allows you to create multiple user IDs and passwords, user groups and define their access rights to the disk data.

Direct media playback from PCs or NAS

NMP-1000P can mount up to 32 remote disks through SMB/CIFS and NFS. You can play the shared files directly from your PC or other NAS devices on your home network.

Fast file transfer through eSATA or USB

NMP-1000P is based on NTFS file system and can act as a mass storage device of a Windows PC. It is equipped with an "eSATA-to-PC" port and a "USB-to-PC" port for direct connection to a PC. The file transfer rate via the eSATA connection is several times faster than that via Ethernet connection, which saves you lots of time especially when copying large-sized video files.

Energy-saving solution for home theater

NMP-1000P is equipped with a quiet cooling fan for heat dissipation. You can place it in your living room or anywhere at home and it won't disturb your work or rest. The normal power consumption of NMP-1000P in operation is only 10W, which is less than that of an energy-saving light bulb.

Share your media files from NAS to NMP-1000P over the local network

BT download with NMP-1000P and play the files from it directly

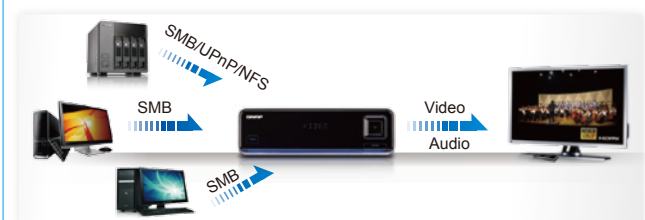Enjoy your high definition video, music and photos from NMP-1000P

Back up your precious data to NMP-1000P

Hardware Specifications

Processor
- Sigma Designs SMP8643

Memory
- 512MB DDR II SDRAM, 256MB Flash

HDD Capacity
- 1 x 3.5" SATA I/II HDD*, up to 2TB

Network Interface
- 1 x RJ-45 Ethernet port
- USB wireless N adapter* (optional purchase)

VFD Display
- 9 alphanumeric characters

LED Indicators
- Power/Status (Player mode: blue; NAS mode: red)
- Direction key (OK)

USB
- 2 x USB 2.0 host (for storage expansion, keyboard, and USB CD/DVD/BD drive connection), 1 x USB 2.0 device (to PC, NMP works as a mass storage device)

eSATA
- 2 x eSATA ports (1 to external HDD; 1 to PC, as a mass storage device)

A/V Output
- HDMI v1.3a, component (Y, Pb, Pr), composite video, analog stereo out, and S/PDIF optical
- Wolfson WM8524 stereo DAC

Buttons
- Power button
- OK/play button, four direction buttons, option button

Form Factor
- Portable

Dimensions
- 204 (H) x 176.4 (W) x 62 (D) mm
- 8" (H) x 6.9" (W) x 2.4" (D)

Weight
- Net weight: 0.7Kg/1.54 lb
- Gross weight: 2Kg/4.4 lb

Operation Environment
- Temperature: 0–40°C/32–104°F
- Humidity: 0–90% R.H.

Fan
- 40 mm, smart fan

Power Supply
- AC Input: AC-DC adaptor, 110–240 12V

Power Consumption
- Without internal HDD
  Standby mode: 7W
  In operation: 10W
- With 2TB internal HDD
  Standby mode: 9W
  In operation: 16W

Software Specifications

Networking
- TCP/IP, HTTP, CIFS/SMB, NFS, AFP, FTP, DDNS, DHCP client, BitTorrent P2P

Remote Share
- Up to 32 remote shares via SMB/CIFS or NFS
- Automatic share folder discovery on Microsoft network
- Automatic QNAP NAS discovery
- Discover and playback from UPnP/DLNA supported storage devices

File System
- NTFS (system default)
- FAT32, EXT3

Client Supported
- Microsoft Windows 2000/XP/2003/Vista/Windows 7
- Mac OS X
- Linux and UNIX

User Management
- User account management (max. 128 users)
- User group management (max. 32 groups)

File System Management
- Network share management (max. 128 shares)
- Unicode support
- Web File Manager

System Tools
- HDD standby mode setting
- System firmware upgrade
- System logs
- Playback logs

TV System
- NTSC/PAL

Max. Resolution
- Full HD 1920 x 1080p (including 23.976p and 24p framerates)

Screen Aspect Ratio
- 4:3 or 16:9

Audio Formats**
- FLAC, APE, WAV, WMA, AAC, PCM, AC3, MP3, Ogg, M4A, DTS, Dolby Digital (supports Dolby Dynamic Range Control for night-mode surround sound)

Video Formats**
- Codec: MPEG1, MPEG2, MPEG4, XVID, H.264, H.263, WMV9, VC1
- Container: AVI, MPEG/MPG, VCD (ISO, MPG, NRG), DVD (VOB, IFO, ISO, NRG), WMV, ASF, TP, TS, TRP, M1V, M2V, M4V, M2P, M2T, M2TS, BDMV/BD ISO, MTS, MOV, MP4, RMP4, MKV, MOD, 3GP

Image Formats
- BMP, JPEG/JPG, PNG, GIF

Playlist
- M3U, PLS, WPL, ASX

Subtitle Compatibility
- SRT, SUB, SMI, TXT, ASS, SSA, SUB (with idx)

Online Contents
- Flickr and Picasa photos, Apple movie trailers, Internet radio, Mediafly™, weather forecast

File Server
- Files sharing across Windows/Mac/Linux/UNIX and centralized management

FTP Server
- Files access from remote location via FTP server
- Up to 16 concurrent connections (NAS mode)

Download Station
- PC-less BitTorrent download
- Unique download utility QGet (Windows/Mac) for remote download tasks management

Content Management
- Automatic categorization of local and remote disk data
- User rating of video and music files
- Photo sorting by date taken
- Parental control

User Customization
- Home menu style selection
- Subtitle size, location,and time offset settings

Multilingual Support
- English, Traditional Chinese, Simplified Chinese, Japanese, Korean, French, German, Italian, Spanish, Russian, Swedish, Norwegian, Finnish, Danish, Polish, Turkish, Greek, Dutch, Czech, and Hungarian

* Please check QNAP website for the compatibility list
** Supports unprotected files only

Package Contents

NMP-1000P | Power cord | Adaptor | HDMI cable

AV cable | USB cable | Ethernet cable | Screw pack

Quick Installation Guide | CD-ROM | Remote control | Alkaline AAA battery x 2

1 : IR receiver
2 : Power button
3 : VFD display
4 : Four direction buttons
5 : OK/Play button
6 : Option button
7 : Decoration LED
8 : K-Lock security slot
9 : DC IN
10 : USB device port*
11 : eSATA device port*
12 : Fan
13 : HDMI
14 : eSATA host
15 : Analog stereo out
16 : Component (Y, Pb, Pr)
17 : Composite video
18 : S/PDIF optical
19 : USB host
20 : LAN

* to PC

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